



12-05-06

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 02-1147-US2)

In the Application of:

Sirpa Salo, et al.

Serial No. 10/580,101

Filing Date: May 19, 2006

For: Use of Antibodies to the gamma 2 chain of  
Laminin 5 to inhibit Tumor growth and  
Metastasis

Examiner: To be assigned

Group Art Unit: To be assigned

Confirmation No.: To be assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

With respect to the above identified application:

1. We are transmitting herewith the attached:

- ☒ Transmittal Letter
- ☒ Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence address (1 sheet);
- ☒ Statement under 37 CFR 3.73(b) (1 sheet);
- ☒ Recorded Assignment from Sirpa Salo to Karl Tryggvason (4 sheets) (reel/frame: 018566/0187);
- ☒ Recorded Assignment from Karl Tryggvason to BioStration Incorporated (4 sheets); (reel/frame: 018566/0265);
- ☒ Return receipt postcard

2. With respect to fees:

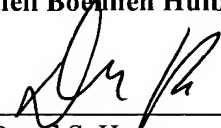
- ☒ No fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490.

4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.10:** The undersigned hereby certifies that this Transmittal Letter and the papers, as described herein-above, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4<sup>th</sup> day of December, 2006. Express Mail No. EV839376721US

McDonnell Boehnen Hulbert & Berghoff LLP

By

  
David S. Harper  
Reg. No. 42,636



PTO/SB/82 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

|                        |              |
|------------------------|--------------|
| Application Number     | 10/580,101   |
| Filing Date            | May 19, 2006 |
| First Named Inventor   | Salo, Sirpa  |
| Art Unit               |              |
| Examiner Name          |              |
| Attorney Docket Number | 02-1147-US2  |

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number: 23650

☐ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

23650

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Gary Gordon

Date

October 30, 2006

Telephone 919-433-1000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: BioStratum

Application No./Patent No.: 10/580,101 Filed/Issue Date: May 19, 2006

Entitled: Use of Antibodies to the Gamma 2 Chain of Laminin 5 to Inhibit Tumor Growth and Metastasis

BioStratum, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- ☒ the assignee of the entire right, title, and interest; or
- ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

- From: Sirpa Salo To: Karl Tryggvason  
The document was recorded in the United States Patent and Trademark Office at Reel 018566, Frame 0187, or for which a copy thereof is attached.
- From: Karl Tryggvason To: BioStratum Incorporated  
The document was recorded in the United States Patent and Trademark Office at Reel 018566, Frame 0265, or for which a copy thereof is attached.
- From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Gary Gordon

Signature

October 31, 2006

Date

Gary Gordon

919-433-1000

Printed or Typed Name

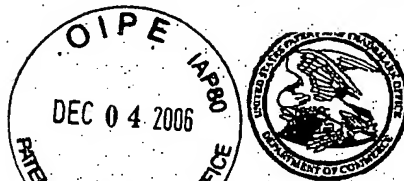
Telephone Number

Vice President of Finance & Business Development, CFO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 30, 2006

PTAS

**\*500186238A\***

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300 SOUTH WACKER DRIVE  
SUITE 3100  
CHICAGO, IL 60606

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RECORDATION DATE: 11/30/2006

REEL/FRAME: 018566/0187  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 02-1147-US2

**ASSIGNOR:**

SALO, SIRPA, MS.

DOC DATE: 10/10/2006

**ASSIGNEE:**

TRYGGVASON, KARL, MR.  
KAROLINSKA INSTITUTET  
DIVISION OF MATRIX BIOLOGY,  
DEPARTMENT OF MEDICAL  
BIOCHEMISTRY AND BIOPHYSICS  
STOCKHOLM, SWEDEN S-171 77

018566/0187 PAGE 2

SERIAL NUMBER: 10580101

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: USE OF ANTIBODIES TO THE GAMMA 2 CHAIN OF LAMININ 5 TO INHIBIT  
TUMOR GROWTH AND METASTASIS

SERIAL NUMBER: 60523895

FILING DATE: 11/20/2003

PATENT NUMBER:

ISSUE DATE:

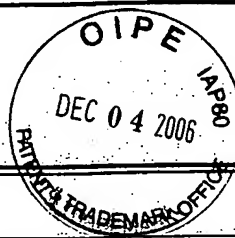
TITLE: USE OF ANTIBODIES TO THE GAMMA 2 CHAIN OF LAMININ 5 TO INHIBIT  
TUMOR GROWTH AND METASTASIS

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## PATENT ASSIGNMENT

Electronic Version v1.1  
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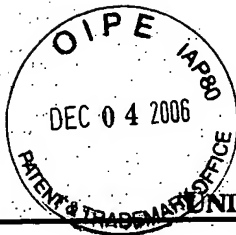
11/30/2006  
500186238



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|--|---|
| SUBMISSION TYPE:   | NEW ASSIGNMENT  |
| NATURE OF CONVEYANCE:  | ASSIGNMENT  |
| CONVEYING PARTY DATA   |   |
| Name   | Execution Date  |
| Ms. Sirpa Salo   | 10/10/2006  |
| RECEIVING PARTY DATA   |   |
| Name:  | Mr. Karl Tryggvason   |
| Street Address:  | Karolinska Institutet   |
| Internal Address:  | Division of Matrix Biology, Department of Medical Biochemistry and Biophysics |
| City:  | Stockholm   |
| State/Country:   | SWEDEN  |
| Postal Code:   | S-171 77  |
| PROPERTY NUMBERS Total: 2  |   |
| Property Type  | Number  |
| Application Number:  | 10580101  |
| Application Number:  | 60523895  |
| CORRESPONDENCE DATA  |   |
| Fax Number:  | (312)913-0002   |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |   |
| Phone:   | 312-913-0001  |
| Email:   | harper@mbhb.com   |
| Correspondent Name:  | McDonnell Boehnen Hulbert & Berghoff LLP                                      |
| Address Line 1:  | 300 South Wacker Drive  |
| Address Line 2:  | Suite 3100  |
| Address Line 4:  | Chicago, ILLINOIS 60606   |
| ATTORNEY DOCKET NUMBER:  | 02-1147-US2   |
| NAME OF SUBMITTER:   | David Harper  |
| Total Attachments: 2<br>source=02-1147-US2 Assignment (Sirpa to Karl)#page1.tif      |   |

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source=02-1147-US2 Assignment (Sirpa to Karl)#page2.tif

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NOVEMBER 30, 2006

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**\*500186244A\***MCDONNELL BOEHNEN HULBERT & BERGHOF LLP  
300 SOUTH WACKER DRIVE  
SUITE 3100  
CHICAGO, IL 60606**\*500186244A\*****UNITED STATES PATENT AND TRADEMARK OFFICE  
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NUMBER OF PAGES: 4BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 02-1147-US2

## ASSIGNOR:

TRYGGVASON, KARL, MR.

DOC DATE: 10/12/2006

## ASSIGNEE:

BIOSTRATUM INCORPORATED  
2300 ENGLERT DRIVE  
SUITE G  
DURHAM, NORTH CAROLINA 27713

SERIAL NUMBER: 10580101

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: USE OF ANTIBODIES TO THE GAMMA 2 CHAIN OF LAMININ 5 TO INHIBIT  
TUMOR GROWTH AND METASTASIS



018566/0265 PAGE 2

SERIAL NUMBER: 60523895

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PATENT NUMBER:

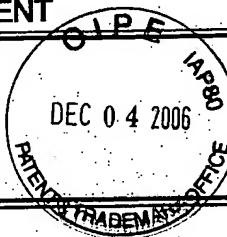
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TUMOR GROWTH AND METASTASISASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

11/30/2006  
500186244



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|--|--|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                           |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                               |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date                           |
| Mr. Karl Tryggvason  | 10/12/2006                               |
| RECEIVING PARTY DATA   |  |
| Name:  | BioStratum Incorporated                  |
| Street Address:  | 2300 Englert Drive                       |
| Internal Address:  | Suite G                                  |
| City:  | Durham                                   |
| State/Country:   | NORTH CAROLINA                           |
| Postal Code:   | 27713                                    |
| PROPERTY NUMBERS Total: 2  |  |
| Property Type  | Number                                   |
| Application Number:  | 10580101                                 |
| Application Number:  | 60523895                                 |
| CORRESPONDENCE DATA  |  |
| Fax Number:  | (312)913-0002                            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |  |
| Phone:   | 312-913-0001                             |
| Email:   | harper@mbhb.com                          |
| Correspondent Name:  | McDonnell Boehnen Hulbert & Berghoff LLP |
| Address Line 1:  | 300 South Wacker Drive                   |
| Address Line 2:  | Suite 3100                               |
| Address Line 4:  | Chicago, ILLINOIS 60606                  |
| ATTORNEY DOCKET NUMBER:  | 02-1147-US2                              |
| NAME OF SUBMITTER:   | David Harper                             |
| Total Attachments: 2<br>source=02-1147-US2 Assignment (Karl to BioStratum)#page1.tif |  |

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